
Medical Imaging Research Symposium
Modalities Using Non-ionizing Electromagnetic Radiation

August 10, 2003
San Diego, CA

Program Committee

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In 2001, the American Association of Physicists in Medicine formed an Ad Hoc Committee on Imaging in the AAPM, to report to the President of the AAPM. The intent of this committee was to examine the role of imaging physics in the AAPM. A series of committee meetings occurred during that year. As a result of these meetings, a number of innovations were proposed. One such innovation resulted in the AAPM announcing, in February 2002, an RFP soliciting proposals from any individual or group who was interested in developing a 1 or 2 day Medical Imaging Research Symposium that would be held concurrently with the AAPM 2003 Annual Meeting in San Diego. The desire was to infuse the imaging component of the Annual Meeting with new life. We believe that the Medical Imaging Research Symposium to be held Sunday August 10, 2003 exactly meets this goal. This symposium covers several new fields in medical imaging, including optical and near-infrared imaging, terahertz imaging and microwave imaging; fields burgeoning with innovation given the interest today in molecular imaging. We encourage all who attend the AAPM Annual Meeting to consider attending this exciting symposium.

We would like to take this opportunity to thank the many individuals who helped to make this symposium possible, including the symposium organizers, invited speakers, reviewers and chairs. We also want to thank the members of the Ad Hoc Committee on Imaging in the AAPM for their time and effort in their tasks, and for their support of this symposium. Finally, we want to thank the wonderful staff at the AAPM, for once again making our work so much easier and more pleasant, by their sustained effort, enthusiasm and professionalism.

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This Symposium has been designed to bring together researchers from a range of fields who are developing medical imaging modalities that use electromagnetic radiation from non-ionizing parts of the spectrum. The aims are two-fold; firstly to introduce these techniques to those familiar with the imaging modalities already in widespread use and secondly to provide a forum for interaction between those working with different parts of the spectrum. On behalf of the Scientific Program Committee I would like to thank all those who have contributed to the development of the lively program for the Symposium. Although the imaging modalities covered have aspects in common, they also have significant differences, and those involved have been required to adopt a broader, more multidisciplinary view than may usually be the case for a scientific meeting. The Ad Hoc Committee on Imaging in the AAPM, symposium reviewers, invited speakers and session chairs (who are named elsewhere in this program) have risen to the challenge, and the result is a stimulating day of presentations.

The organization of the Symposium has been greatly eased by the infrastructure available at AAPM headquarters, both in terms of staff expertise and the impressive and efficient web-based administrative tools. In particular my heartfelt thanks to Angela Keyser, Lisa Rose Sullivan and Farhana Khan.

Lastly I would like to thank those who attend and who present their work at the Symposium, contributing to its success with their interest and participation. I hope that you find the experience enjoyable and rewarding, and take full advantage of this opportunity to interact with researchers from a range of specialties.

Elizabeth Berry, PhD
Scientific Program Chair

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